

MAY. 30. 2003. 10:14AM

KODA & ANDROLIA

NO. 014

P. 1/8

172A 3244 PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

TOSHIKAZU UCHIYAMA et al.

Serial No.: 10/088,420

Filed: March 13, 2002

For: PIEZO OSCILLATORS

Art Unit: 2816

Examiner: Tuan Thieu Lam

FAX RECEIVED

MAY 30 2003

ELECTION OF SPECIES

TECHNOLOGY CENTER 2800

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

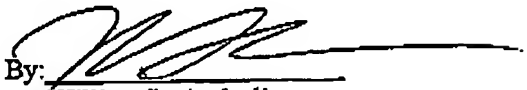
In response to the Election of Species Requirement dated April 2, 2003, Applicant selects the species of Q of Figs. 28 and 29 upon which claims 41 and 42 are readable. Applicant makes this election of species with the expressed intent of not abandoning his invention contained in the other species and expressly reserves the right to take whatever other action is necessary to preserve his invention contained in the other figures and claims.

Applicant further respectfully and retroactively requests a one month extension of time so as to respond to the Office Action. Please charge Deposit Account No. 11-1445 in the sum of \$110.00 as the fee.

Please charge any additional costs incurred by way of entering this election of species and any requests for extensions of time to KODA AND ANDROLIA DEPOSIT ACCOUNT NO. 11-1445.

Respectfully submitted,
KODA & ANDROLIA

06/10/2003 ASHITH 00000001 111445 10088420
03 FC:1251 110.00 CH

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Certificate of Transmission

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office Fax No. (703) 872-9318 on May 30, 2003.

William L. Androlia

Name

Signature

5/30/2003

Date

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Serial No.: 10/088,420

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Examiner: Tuan Thieu Lam

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6/10/03
Adm H

PRELIMINARY AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Dear Sir:

It is respectfully requested that together with Applicant's of Election of Species, that a Preliminary Amendment be entered as follows:

IN THE CLAIMS:

Please add new claims 46-51 as follows:

SUB B17
a'

--46. A piezo oscillator comprising a quick start-up circuit and an oscillation circuit that contains a piezo resonator and an amplifying circuit, wherein

said quick start-up circuit is comprised of:

a bypass transistor switch that bypasses predetermined circuit portions of said oscillation circuit,

a control transistor switch that makes ON/OFF controls of said bypass transistor switch, and

a capacitor connected to a base of said control transistor switch; and

said quick start-up circuit functions so that for a predetermined length of time between application of power supply voltage Vcc and completion of charging of electrical charge to said capacitor, a charge current according to said charging of said electrical charge is supplied

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02 FC:1202 108.00 CH